

Amendment and Response

Applicant: Mark Haines et al.

Serial No.: 10/635,636

Filed: August 6, 2003

Docket No.: 200210233-1

Title: FILTER FOR PRINthead ASSEMBLY

BEST AVAILABLE COPY**IN THE CLAIMS**

Please cancel claims 11 and 14-44 without prejudice.

Please amend claims 1 and 2 as follows:

1. (Currently Amended) A filter for a printhead assembly, the filter comprising:
a frame having a first face and a second face opposite the first face, and an opening formed therein communicated with the first face and the second face;
separate filter material provided on each the first face and the second face of the frame, and enclosing the opening of the frame; and
a fluid fitting associated with the frame, the fluid fitting including a fluid port offset from the frame and a fluid passage communicated with the opening of the frame and the fluid port.
2. (Currently Amended) The filter of claim 1, wherein the filter material is secured to the first face and the second face of the frame around a perimeter of the opening.
3. (Original) The filter of claim 1, wherein the filter material has a mesh size in a range of approximately 2 microns to approximately 20 microns.
4. (Original) The filter of claim 1, wherein the filter material is adapted to allow liquid ink to pass therethrough, and wherein the filter material is adapted to prevent air from passing therethrough when the filter material is wetted by the liquid ink.
5. (Original) The filter of claim 1, wherein the fluid passage of the fluid fitting is adapted to direct air from the fluid port of the fluid fitting to the opening of the frame.
6. (Original) The filter of claim 5, wherein the filter material is adapted to trap air within the opening of the frame.

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7. (Original) The filter of claim 1, wherein the fluid port of the fluid fitting has a longitudinal axis, and wherein the frame is oriented substantially parallel with the longitudinal axis of the fluid port.
8. (Original) The filter of claim 7, wherein the fluid passage of the fluid fitting has a surface oriented at an angle to the longitudinal axis of the fluid port.
9. (Original) The filter of claim 8, wherein the angle is approximately a right angle.
10. (Original) The filter of claim 8, wherein the angle is an acute angle.
11. (Cancelled)
12. (Original) The filter of claim 1, wherein the frame has a substantially rectangular shape, and wherein the fluid port of the fluid fitting extends from a side of the substantially rectangular shape.
13. (Original) The filter of claim 12, wherein the frame includes at least one separator extending within the opening of the frame between opposite sides of the substantially rectangular shape.
- 14-44. (Cancelled)